

This listing of claims will replace all prior versions, and listings, of claims in the application:

1 Claim 1 (currently amended): A method of servicing telephone calls using an
2 Internet protocol network and a telephone network the telephone network including
3 first and second telephone switches each being coupled to at least one service control
4 point, the second telephone switch being coupled to the first telephone switch and the
5 Internet Protocol network, the method comprising the steps of:

6 pausing processing of a telephone call directed to a first telephone number at
7 said first telephone switch, in response to activation of a first trigger set at said first
8 telephone switch, the first trigger being activated by a call directed to a telephone
9 number including a digit string matching at least a portion of said first telephone
10 number;

11 obtaining a call processing instruction including a second telephone number
12 corresponding to said second telephone switch from a service control point;

13 forwarding the call to the second telephone switch using the second telephone
14 number as a called party number for purposes of routing said telephone call; and

15 operating the second telephone switch, in response to receiving the forwarded
16 call, to:

17 i) replace the second telephone number with the first telephone
18 number;

19 ii) contact a service control point to obtain call routing information
20 corresponding to said first telephone number; and

21 ii) route the telephone call to the Internet Protocol network using
22 Internet Protocol routing information returned by said service control point
23 the first telephone number as the called party number.

1 Claim 2 (original): The method of claim 1, further comprising the step of:

2 operating the Internet Protocol network to complete the call to an IP
3 telephony device using said first telephone number.

1 Claim 3 (original): The method of claim 2, wherein operating the second telephone
2 switch includes:

3 packetizing voice signals corresponding to the first telephone call to
4 generate IP packets; and

5 wherein the step of routing the first telephone call to the Internet
6 Protocol network includes transmitting the generated IP packets.

1 Claim 4 (currently amended): The method of claim 1, further comprising:

2 pausing processing of said telephone call, in response to activation of a second
3 trigger set at said second telephone switch which is responsive to at least a portion of
4 said first telephone number; and

5 said step of operating the second telephone switch to contact a service control
6 point to obtain call routing information being for call processing instructions in
7 response to activation of said second trigger prior to routing the first telephone call to
8 the Internet Protocol network.

1 Claim 5 (original): The method of claim 4, wherein the first trigger set at said first
2 telephone switch is a line number portability trigger.

1 Claim 6 (original): The method of claim 5, wherein the second trigger set at said
2 second telephone switch is a terminating attempt trigger.

1 Claim 7 (currently amended): The method of claim 6, wherein the first telephone
2 number corresponds to a called party, the method further comprising the steps of: A
3 method of servicing telephone calls using an Internet protocol network and a
4 telephone network the telephone network including first and second telephone
5 switches each being coupled to at least one service control point, the second
6 telephone switch being coupled to the first telephone switch and the Internet Protocol
7 network, the method comprising the steps of:

8 pausing, at said first telephone switch, processing of a telephone call directed
9 to a first telephone number corresponding to a called party, said pausing being in
10 response to activation of a first trigger set at said first telephone switch, the first
11 trigger being activated by a call directed to a telephone number including a digit
12 string matching at least a portion of said first telephone number;
13 obtaining a call processing instruction including a second telephone number
14 corresponding to said second telephone switch from a service control point;
15 forwarding the call to the second telephone switch using the second telephone
16 number as a called party number for purposes of routing said telephone call; and
17 operating the second telephone switch to:
18 i) replace the second telephone number with the first telephone number;
19 ii) pause processing of said telephone call, in response to activation of a
20 second trigger set at said second telephone switch which is responsive to at least a
21 portion of said first telephone number; and
22 iii) contact a service control point in response to activation of said second
23 trigger; and
24 operating the service control point to provide at least a portion of an
25 one advanced intelligent network service subscribed to by the called party, said
26 service being one of a call screening and a Centrex service; and
27 prior to operating the second telephone switch to route the first telephone call
28 to the Internet Protocol network using an Internet Protocol address corresponding to
29 the first telephone number after said service control point provides said at least one
30 advanced intelligent network service.

1 Claim 8 (currently amended): The method of claim 7, wherein said first telephone
2 number is a telephone number which was ported to said Internet Protocol network;
3 and

4 wherein the advanced intelligent network service subscribed to by the called
5 party is a call screening service which was subscribed to by said subscriber prior to
6 said first telephone number being ported to said Internet Protocol network.

1 Claim 9 (original): The method of claim 7, wherein the advanced intelligent network
2 service subscribed to by the called party is a Centrex service.

1 Claims 10-16 (canceled)

1 Claim 17 (currently amended): A communications system comprising:
2 an Internet Protocol network including an Internet Protocol telephony device,
3 a first telephone number being associated with said telephony device to be used for
4 routing telephone calls to said telephony device; and
5 a public switched telephone network, the public switched telephone network
6 including:

7 i) a first telephone switch to which calls from other telephone switches
8 in the public switched telephone number network directed to said first
9 telephone number are routed, a second first trigger being set at said first
10 telephone switch which is responsive to calls directed to a telephone number
11 having at least a portion of which is the same as the first telephone;

12 ii) a second telephone switch coupled to the first telephone switch and
13 to the Internet Protocol network, the second telephone switch including
14 circuitry for packetizing calls and for routing calls to the Internet Protocol
15 network;

16 iii) a first service control point coupled to said first telephone switch,
17 the service control point including logic for controlling the first telephone
18 switch to forward calls directed to said first telephone number to the second
19 telephone switch after activation of said trigger set at said first telephone
20 switch.

1 Claim 18 (currently amended): The communications system of claim 17,
2 further including a second service control point coupled to said telephone
3 switch, the second service control point including control logic for determining an
4 Internet Protocol Address from said first telephone number in response to a message
5 for a call processing instruction from said second telephone switch; and
6 wherein the second telephone switch includes a second trigger
7 responsive to said first telephone number and
8 means for pausing processing of a call activating said second trigger as
9 part of an advanced intelligent network service.

1 Claim 19 (original): The communications system of claim 18, wherein the first and
2 second triggers are advanced intelligent network triggers.

1 Claim 20 (original): The communications system of claim 19, wherein the first
2 trigger is a line number portability trigger.

1 Claim 21 (original): The communications system of claim 20, wherein the second
2 trigger is a terminating attempt trigger set to be activated by calls directed to the first
3 telephone number.

1 Claims 22-25 (canceled)

1 Claim 26 (new): The method of claim 1, wherein said second telephone switch is an
2 IP gateway switch which includes a connection to both said telephone network and an
3 IP connection for communicating IP packets including packetized voice signals to
4 said IP network.